



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.

005231/05-4013

SERIAL NO.

09/239,194

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AFFICANT

John S. Yates, Jr., et al.

MAY 07 2003

FILING DATE

January 28, 1999

GROUP ART UNIT

2127

Technology Center 2100

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KT	3,544,969	12/01/1970	Rakoczi	340	172.5	Nov. 27, 1967
KT	3,781,823	12/25/1973	Senese	340	172.5	July 28, 1972
KT	4,084,235	04/11/1978	Hirtle	364	200	Apr. 14, 1975
KT	4,455,602	06/19/1984	Baxter	364	200	May 22, 1981
KT	4,514,803	04/30/1985	Agnew	364	200	Apr. 26 1982
KT	4,575,797	03/11/1986	Gruner	364	200	May 22, 1981
KT	4,779,187	10/18/1988	Letwin			Apr. 10, 1985
KT	4,812,975	03/14/1989	Adachi	364	300	Jul. 11, 1984
KT	5,115,500	05/19/1992	Larsen			Jan. 11, 1988
KT	5,155,835	10/13/1992	Belsan			Nov. 19, 1990
KT	5,241,664	08/31/1993	Ohba			Jan. 7, 1991
KT	5,301,287	04/05/1994	Herrell			Feb. 16, 1993
KT	5,307,504	04/26/1994	Robinson	395	800	Mar. 7, 1991
KT	5,335,331	08/02/1994	Murao			Jul. 12, 1991
KT	5,361,340	11/01/1994	Kelly			Mar. 9, 1993
KT	5,432,795	07/11/1995	Robinson	371	19	May 15, 1991
KT	5,454,117	09/26/1995	Puziol	395	800	Aug. 25, 1993
KT	5,481,684	01/02/1996	Richter	395	375	Jul. 20 1994
KT	5,481,693	01/02/1996	Blomgren	395	375	Jul. 20, 1994
KT	5,515,518	05 06/07/1996	Stiles	395	375	Jul. 5, 1994
KT	5,542,059	07/30/1996	Blomgren	395	375	Dec. 21, 1994
KT	5,542,109	07/30/1996	Blomgren	395	800	Aug. 31, 1994
KT	5,568,646	10/22/1996	Jaggat			Sep. 19, 1994
KT	5,574,927	11/12/1996	Scantlin	395	800	Nov. 12, 1996
KT	5,598,546	01/28/1997	Blomgren	395	385	Aug. 31, 1994
KT	5,608,886	03/04/1997	Blomgren	395	586	Aug. 31, 1994
KT	5,619,666	04/08/1997	Coon et al.			Jun. 2, 1995
KT	5,636,366	06/03/1997	Robinson	395	490	Oct. 30, 1995
KT	5,638,525	06/10/1997	Hammond	395	385	Feb. 10, 1995
KT	5,652,869	07/29/1997	Herdeg	395	500	Dec. 28, 1994
KT	5,659,679	08/19/1997	Alpert	395	183.1	May 30, 1995
KT	5,664,159	09/02/1997	Richter	395	500	May 8, 1995

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KF	5,155,835	10/13/1992	Belsan			Nov. 19, 1990
KF	5,241,664	08/31/1993	Ohba			Jan. 7, 1991
KF	5,301,287	04/05/1994	Herrell			Feb. 16, 1993
KF	5,307,504	04/26/1994	Robinson	395	800	Mar. 7, 1991
KF	5,361,340	11/01/1994	Kelly			Mar. 9, 1993
KF	5,432,795	07/11/1995	Robinson	371	19	May 15, 1991
KF	5,454,117	09/26/1995	Puziol	395	800	Aug. 25, 1993
KF	5,481,684	01/02/1996	Richter	395	375	Jul. 20 1994
KF	5,481,693	01/02/1996	Blomgren	395	375	Jul. 20, 1994
KF	5,515,518	05/07/1996	Stiles	395	375	Jul. 5, 1994
KF	5,542,059	07/30/1996	Blomgren	395	375	Dec. 21, 1994
KF	5,542,109	07/30/1996	Blomgren	395	800	Aug. 31, 1994
KF	5,574,927	11/12/1996	Scantlin	395	800	Nov. 12, 1996
KF	5,598,546	01/28/1997	Blomgren	395	385	Aug. 31, 1994
KF	5,608,886	03/04/1997	Blomgren	395	586	Aug. 31, 1994
KF	5,636,366	06/03/1997	Robinson	395	490	Oct. 30, 1995
KF	5,652,869	07/29/1997	Herdeg	395	500	Dec. 28, 1994
KF	5,659,679	08/19/1997	Alpert	395	183.1	May 30, 1995
KF	5,664,159	09/02/1997	Richter	395	500	May 8, 1995
KF	5,685,009	11/04/1997	Blomgren	395	800	Nov. 29, 1995
KF	5,715,421	02/03/1998	Akiyama			Oct. 16, 1992
KF	5,721,927	02/24/1998	Baraz	395	705	Aug. 7, 1996
KF	5,754,878	05/19/1998	Asghar	395	800	Mar. 18, 1996
KF	5,774,287	06/30/1998	Leonhardt			Dec. 9, 1994
KF	5,774,686	06/30/1998	Hammond	395	385	Jun. 7, 1995
KF	5,781,792	07/14/1998	Asghar	395	800.35	Mar. 18, 1996
KF	5,784,640	07/21/1998	Asghar	395	800.35	Mar. 18, 1996
KF	5,790,824	08/04/1998	Asghar	395	385	Mar. 18, 1996
KF	5,794,068	08/11/1998	Asghar	395	800.35	Mar. 18, 1996
KF	5,796,939	08/18/1998	Berc, et al.	395	184.01	Mar. 10, 1997
KF	5,802,272	09/01/1998	Sites, et al.	395	183.21	Dec. 19, 1994
KF	5,802,373	09/01/1998	Yates	395	705	Jan. 29, 1996

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## U.S. PATENT DOCUMENTS

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	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KT	4,636,940	01/1987	Goodwin	717	128	Dec. 20, 1985
KT	4,750,112	06/07/1988	Jones	364	200	Feb. 10, 1984
KT	4,779,187	10/18/1988	Letwin	712	229	Apr. 10, 1985
KT	4,812,975	03/14/1989	Adachi	364	300	Jul. 11, 1984
KT	5,115,500	05/19/1992	Larsen	711	202	Jan. 11, 1988
KT	5,155,835	10/13/1992	Belsan	711	114	Nov. 19, 1990
KT	5,168,557	12/01/1992	Shibuya	712	207	Sep. 21, 1989
KT	5,241,664	08/31/1993	Ohba	711	121	Jan. 7, 1991
KT	5,241,638	08/31/1993	Mork	711	207	Aug. 12, 1995
KT	5,301,287	04/05/1994	Herrell	711	202	Feb. 16, 1993
KT	5,335,331	08/02/1994	Murao	712	203	Jul. 12, 1991
KT	5,361,340	11/01/1994	Kelly	711	3	Mar. 9, 1993
KT	5,404,476	04/04/1995	Kadaira	711	207	Mar. 9, 1993
KT	5,432,795	07/11/1995	Robinson	371	19	May 15, 1991
KT	5,454,117	09/26/1995	Puziol	395	800	Aug. 25, 1993
KT	5,483,647	01/09/1996	Yu	713	100	Dec. 17, 1992
KT	5,487,156	01/23/1996	Popsescu	712	217	Dec. 5, 1990
KT	5,515,518	05 28/07/1996	Stiles	395	375	Jul. 5, 1994
KT	5,542,109	07/30/1996	Blomgren	395	800	Aug. 31, 1994
KT	5,560,013	09/24/1996	Scalzi	717	138	Dec. 6, 1994
KT	5,568,646	10/22/1996	Jaggar	712	209	Sep. 19, 1994
KT	5,574,927	11/12/1996	Scantlin	395	800	Nov. 12, 1996
KT	5,574,929	11/12/1996	Pieterse	712	30	Jun. 30, 1994
KT	5,590,309	12/31/1996	Chencinski	395	472	Apr. 1, 1994
KT	5,608,886	03/04/1997	Blomgren	395	586	Aug. 31, 1994
KT	5,619,666	04/08/1997	Coon	712	209	Jun. 2, 1995
KT	5,657,474	08/12/1997	Taine	711	163	Nov. 20, 1995
KT	5,659,679	08/19/1997	Alpert	395	183.1	May 30, 1995
KT	5,664,159	09/02/1997	Richter	395	500	May 8, 1995
KT	5,673,407	09/30/1997	Poland	395	375	Mar. 8, 1994
KT	5,678,032	10/14/1997	Woods	395	500	Sept. 6, 1995
KT	5,715,421	02/03/1998	Akiyama	711	213	Oct. 16, 1992
KT	5,721,927	02/24/1998	Baraz	395	705	Aug. 7, 1996

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	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
KT	5,732,238	03/24/1998	Sarkozy	711	135	Jun. 12, 1996
KT	5,742,780	04/21/1988	Caulk	395	382	Jan. 16, 1997
KT	5,751,982	05/12/1998	Morley	395	800	Mar. 31, 1995
KT	5,754,878	05/19/1998	Asghar	395	800	Mar. 18, 1996
KT	5,768,500	6/16/1998	Agrawal	714	47	Jun. 20, 1994
KT	5,774,287	06/30/1998	Leonhardt	710	33	Dec. 9, 1994
KT	5,774,686	06/30/1998	Hammond	395	385	Jun. 7, 1995
KT	5,781,750	07/14/1998	Blomgren	395	500	Jan 11, 1994
KT	5,781,758	07/14/1998	Morley	395	500	Mar. 23, 1995
KT	5,781,792	07/14/1998	Asghar	395	800.35	Mar. 18, 1996
KT	5,784,640	07/21/1998	Asghar	395	800.35	Mar. 18, 1996
KT	5,790,824	08/04/1998	Asghar	395	385	Mar. 18, 1996
KT	5,794,068	08/11/1998	Asghar	395	800.35	Mar. 18, 1996
KT	5,796,939	08/18/1998	Berc	395	184.01	Mar. 10, 1997
KT	5,802,272	09/01/1998	Sites	395	183.21	Dec. 19, 1994
KT	5,805,877	09/08/1998	Black	395	586	Sep. 23, 1996
KT	5,812,864	09/22/1998	McCoy	703	26	Dec. 6, 1995
KT	5,815,720	9/29/1998	Buzbee	717	158	Mar. 15, 1996
KT	5,819,064	10/06/1998	Razdan	703	27	Nov. 8, 1995
KT	5,838,962	11/17/1998	Larson	395	586	Apr. 9, 1997
KT	5,838,978	11/17/1998	Buzbee	395	705	Oct. 9, 1996
KT	5,847,955	12/08/1998	Mitchell	700	86	Jun. 23, 1997
KT	5,870,763	02/09/1999	Lomet	707	202	Mar. 10, 1997
KT	5,884,057	03/16/1999	Blomgren	395	375	May 8, 1995
KT	5,901,308	05/04/1999	Cohn	712	244	Mar. 18, 1996
KT	5,905,855	05/18/1999	Klaiber	395	183.07	Feb. 28, 1997
KT	5,935,220	08/10/1999	Lumpkin	710	5	Aug. 9, 1996
KT	5,941,827	02/1996	Holtey	711	163	Jan. 14, 1994
KT	5,949,415	09/07/1999	Lin	345	335	Jun. 16, 1997
KT	5,958,061	09/28/1999	Kelly	714	1	Jul. 24, 1996
KT	5,968,162	10/19/1999	Yard	712	203	Apr. 2, 1996
KT	5,999,736	12/07/1999	Gupta	717	158	May 9, 1997

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KT	4,779,187	10/18/1988	Letwin	712	229	Apr. 10, 1985
KT	4,812,975	03/14/1989	Adachi	364	300	Jul. 11, 1984
KT	5,115,500	05/19/1992	Larsen	711	202	Jan. 11, 1988
KT	5,155,835	10/13/1992	Belsan	711	114	Nov. 19, 1990
KT	5,241,664	08/31/1993	Ohba	711	121	Jan. 7, 1991
KT	5,241,638	08/31/1993	Mork	711	207	Aug. 12, 1995
KT	5,301,287	04/05/1994	Herrell	711	202	Feb. 16, 1993
KT	5,335,331	08/02/1994	Murao	712	203	Jul. 12, 1991
KT	5,361,340	11/01/1994	Kelly	711	3	Mar. 9, 1993
KT	5,432,795	07/11/1995	Robinson	371	19	May 15, 1991
KT	5,454,117	09/26/1995	Puziol	395	800	Aug. 25, 1993
KT	5,515,518	05 23/07/1996	Stiles	395	375	Jul. 5, 1994
KT	5,542,109	07/30/1996	Blomgren	395	800	Aug. 31, 1994
KT	5,560,013	09/24/1996	Scalzi	717	138	Dec. 6, 1994
KT	5,568,646	10/22/1996	Jagggar	712	209	Sep. 19, 1994
KT	5,574,927	11/12/1996	Scantlin	395	800	Nov. 12, 1996
KT	5,608,886	03/04/1997	Blomgren	395	586	Aug. 31, 1994
KT	5,619,666	04/08/1997	Coon	712	209	Jun. 2, 1995
KT	5,659,679	08/19/1997	Alpert	395	183.1	May 30, 1995
KT	5,664,159	09/02/1997	Richter	395	500	May 8, 1995
KT	5,678,032	10/14/1997	Woods	395	500	Sept. 6, 1995
KT	5,715,421	02/03/1998	Akiyama	711	213	Oct. 16, 1992
KT	5,721,927	02/24/1998	Baraz	395	705	Aug. 7, 1996
KT	5,751,982	05/12/1998	Morley	395	800	Mar. 31, 1995
KT	5,754,878	05/19/1998	Asghar	395	800	Mar. 18, 1996
KT	5,768,500	6/16/1998	Agrawal	714	47	Jun. 20, 1994
KT	5,774,287	06/30/1998	Leonhardt	710	33	Dec. 9, 1994
KT	5,774,686	06/30/1998	Hammond	395	385	Jun. 7, 1995
KT	5,781,750	07/14/1998	Blomgren	395	500	Jan 11, 1994
KT	5,781,758	07/14/1998	Morley	395	500	Mar. 23, 1995
KT	5,781,792	07/14/1998	Asghar	395	800.35	Mar. 18, 1996
KT	5,784,640	07/21/1998	Asghar	395	800.35	Mar. 18, 1996
KT	5,790,824	08/04/1998	Asghar	395	385	Mar. 18, 1996

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Sheet 1 of 1

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U.S. DEPARTMENT OF COMMERCE  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE OF APPROPRIATE
K	4,275,441	06/23/1981	Takeuchi	714	38	Mar. 27, 1979
K	4,722,050	01/26/1988	Lee	712	205	Mar. 27, 1986
K	4,831,515	05/16/1989	Kamada	712	207	Feb. 10, 1986
K	5,121,472	06/09/1992	Danish	710	67	May 31, 1989
K	5,377,309	12/27/1994	Sonobe	706	60	Nov. 27, 1991
K	5,918,251	06/29/1999	Yamada	711	207	Dec. 23, 1996
K	6,035,120	03/07/2000	Ravichandran	717	141	May 28, 1997
K	6,415,379	07/02/2002	Keppel	712	209	Oct. 13, 1999
K	6,564,339	05/13/2003	Swoboda	714	30	Jan. 14, 2000
K	6,685,090	02/03/2004	Nishigaya	235	382	Jan. 26, 2001
K	6,694,457	02/17/2004	McKee	714	38	Mar. 6, 2001
K	6,763,452	07/13/2004	Hohensee et al	712	227	Jun. 24, 1999
K	6,789,263	09/07/2004	Shimada	725	119	Jun. 18, 1997
K	6,820,051	11/16/2004	Swoboda	703	28	Jan. 14, 2000
K	6,934,832	8/23/2005	Van Dyke	712	244	Sep. 21, 2000
K	6,941,545	9/6/2005	Reese	717	130	May 28, 1999
K	6,954,923	10/11/2005	Yates	717	130	Jul. 7, 1999

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

EXAMINER	<i>Kenneth Long</i>	DATE CONSIDERED	<i>3/29/06</i>
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